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LENINGRAD INDUSTRY BROADENS USE OF SPARK UNITS;
MINISTRY BOASTS 4,000 HIGH-SPEED TURNERS

MAKE DIES ON SPARK MACHINE -- Leningradskaya Pravda, 18 Aug 50

The electric-spark machine tool can make dies better and faster than the most skilled worker. Every day the progressive electric-spark method, developed by B. R. Lazarenko, finds wider and wider application in Leningrad industries.

Production men go to the electric methods laboratory of the Leningrad House of Technology to learn new aspects of the field.

Railroad workers of the October Railroad System, who need a good method of sharpening the hard-alloy cutters used in high-speed facing of railroad car wheels, have shown particular interest. Cutters that used to require 10-12 hours' grinding now come out of the tank in less than an hour.

The technology of making blanking dies has recently been revised at the Leningrad Elektrosila Plant. Previously the dies could only be made by the most experienced craftsmen. Now such dies are made by only medium-skilled workers. Men of this trade are now known as "electrosparkers." The new method has vastly improved the quality of dies, speeded their manufacture, and will save the plant millions of rubles.

HIGH-SPEED CUTTING SPREADS -- Moscow, Vechernyaya Moskva, 18 Aug 50

Since the beginning of 1950, the number of high-speed metalworkers in enterprises of the Ministry of Machine-Tool Building has increased 30 percent. More than 4,000 turners, milling-machine operators and planing-machine operators have now adopted high-speed cutting methods.

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BRIGADES HUNT UNUSED TOOLS -- Moskovskaya Pravda, 15 Aug 50

Special brigades have been set up to check on use of capital equipment at the Kolomna Heavy-Machine-Tool Building Plant. Members include shop chiefs, section chiefs, leading technologists, and Stakhanovites.

Excellent results were achieved on the first day of the inspection. Sobolev's brigade found 54 machine tools which were not being fully exploited. In one tool shop alone, 29 such tools were discovered. Moving unnecessary equipment out of this shop and rearranging the remaining tools should free 307 square meters of floor space.

DESIGN TOOL-WITHDRAWING AUTOMATIC -- Leningradskaya Pravda, 15 Aug 50

Engineers N. G. Smirnov and S. D. Kal'nitskiy of the Leningrad Plant imeni Stalin have designed an attachment for a lathe which automatically withdraws the cutter when the required length of the workpiece has been machined.

Cutting tool withdrawal, particularly in high-speed cutting, is a most critical operation requiring the most concentrated attention of the worker. Making this process automatic considerably increases labor productivity and improves the quality of machining.

NEW METHOD SPEEDS BAND SAW OUTPUT -- Moscow, Trud, 16 Aug 50

A designer at the Riga VEF Plant has worked out a new means of making band saws. By modifying a forming machine, he has been able to make it perform three operations simultaneously: shaping the steel band, notching the teeth, and sharpening the teeth. This process increases the labor productivity in saw manufacture 10-12 times.

SELLS CUTTING TOOLS -- Moskovskaya Pravda, 17 Aug 50

The Moscow Office of the Main Administration for Sale of Products of the Ministry of Machine-Tool Building offers to state, cooperative, and public organizations the following types of cutting tools: drill bits, counterbores, countersinks, milling cutter, machine and hand reamers, metric and inch hand taps, and threading micrometers. Address: Moscow, ul. Kirova, d. 24. -- Advertisement

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